

Work Order ID 84420 -1

\*84420\*

Page 1

May-11-12 2:22:50 PM

Item ID: D4026-1

SPUR

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Fuel Gauge

Start Date: 11/05/2012 Start Qty: 5.00

\*5\*

Cust Item ID:

Required Date: 25/05/2012 Req'd Qty: 5.00

\*5\*

Customer:

Reference:

Approvals: Process Plan: MLT

Date: 12/05/11

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4026

A

100

0.00

\*100\*

Purchasing

Memo

0.00

Purchasing

Issue P/O: 16980  
Purchase part as per Dwg D4026  
Part #: FL-100-R  
Possible Supplier: AIRCRAFT SPRUCE  
Material release note required

CL 12/05/15 (5)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

\*110\*

Packaging

Memo

0.00

Packaging

12/6/18 (3)

Work Order ID 84420

\*84420\*

Page 2

May-11-12 2:22:50 PM

Item ID: D4026-1

Accept

\*N9000040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Fuel Gauge

Start Date: 11/05/2012 Start Qty: 5.00

\*5\*

Cust Item ID:

Required Date: 25/05/2012 Req'd Qty: 5.00

\*5\*

Customer:

Reference:

Run Start \*NR1\*

Approvals: Process Plan:

Date:

Tooling:

Date:

Stop \*NR2\*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00

\*120\*

QC

Quality Control

AX 010037

Memo

AX 010038

AX 010040

0.00

8/2/06/19

(73)

130

Identify as per dwg & Stock Location: 142

0.00

\*130\*

Packaging

Packaging

Memo

0.00

3

12/06/2009B

140

QC21- Final Inspection - Work Order Release

0.00

\*140\*

QC

Quality Control

Memo

0.00

12/6/2009 AJ

12-06-20



# Picklist Print

May-11-12 2:22:55 PM

Page 1

Work Order ID: 84420

\*84420\*

Parent Item: D4026-1

\*D4026-1\*

Parent Item Name: Fuel Gauge

Start Date: 11/05/2012

Required Date: 25/05/2012

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP Rev:A 10.05.17 as per ECN10-562 DD ver:EC

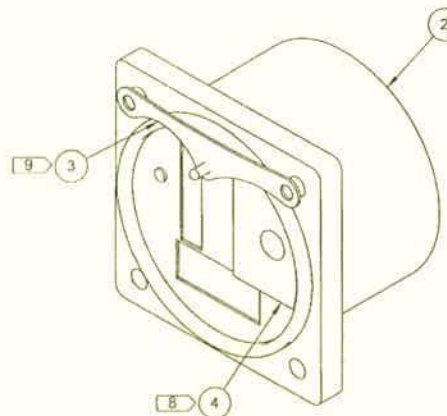
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
FL-100-R		Purchased		No		110	Each	0.0000	1	5			
*FI-100-R*									**				
Fuel Gauge													

Pick 1/19 (3)





ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4026-041	FUEL GAUGE ASSEMBLY	FL-100-R-JCA (REF)
2	1	D4026-041	FUEL GAUGE	
3	1	D4014-1	SWITCH PLATE	
4	1	D4014-3	GAUGE COVER	
5	A/R		DOUBLE SIDED TAPE	



**D4026-041 FUEL GAUGE ASSEMBLY**

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 84420 MLO  
12/05/11

RELEASED  
2010-05-05  
MD

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4026-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.24 lbs
- 8) ATTACH D4014-3 GAUGE COVER USING DOUBLE SIDED TAPE
- 9) D4014-1 SWITCH COVER INCLUDED WITH ASSEMBLY, INSTALLED DURING GAUGE INSTALLATION IN AIRCRAFT

A	NEW ISSUE	10.02.05
REV	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	10.02.05	

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4026** REV. A  
SHEET 1 OF 2

TITLE **FUEL GAUGE** SCALE NTS

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DART AEROSPACE  
PART NUMBER

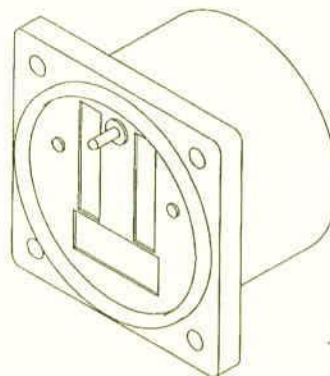
D4026-1

JOHN CAMERON AVIATION  
PART NUMBER

FL 100-R JCA

# SPECIFICATION CONTROL DRAWING

24420



DART PART NUMBER	MANUFACTURER	MANUFACTURER PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	OPERATING TEMPERATURE	POWER CONSUMPTION	SENSORS SUPPORTED	OPERATING VOLTAGE
D4026-1	AEROSPACE LOGIC INC.	FL-100-R	AIRCRAFT SPRUCE AND SPECIALTY	10-00304	-15°C TO +55°C 5°F TO 131°F	450 mA MAX (DAY OPERATION) 60mA MIN (NIGHT OPERATION)	RESISTIVE SENSORS OF ALL TYPES R <sub>MAX</sub> = 300 OHMS R <sub>MIN</sub> = 0 OHMS	6 - 32 VDC

## D4026-1 FUEL GAUGE

RELEASED  
2010-05-05  
MP

### NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA DRAWING NO. <b>D4026</b> TITLE <b>FUEL GAUGE</b> SCALE <b>NTS</b> COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS AN UNCLASSIFIED CONTROL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small>
DRAWN		
CHECKED		
MFG APPR.		
APPROVED		
DE APPR.		
DATE	10.02.05	

REV. A  
SHEET 2 OF 2







Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO16980

Purchase Order Date 5/15/12

PO Print Date 5/15/12

Page Number 1 of 1

Order From :

VU-ROY001

VISA  
PAYMENT CENTRE, PO BOX 4016, STAT. A  
TORONTO,

Cont: Name  
Vend: Phone  
Vend: Fax  
Vendor Account Nbr

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms COD  
Currency USD  
FOB Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
6/12/12

REVISED  
Date

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	100-R	Fuel Gauge	6/25/12 5/25/12 Yes	5.00 Each	FedEx PI collect	\$567.0000	\$2,835.00

Search

Special Inst: AS PER DWG D4026 REV. A  
B84420  
P/N: FL-100-R

Net 3 6/4/12

PO Total:

\$2,835.00

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

PO Instructions: AIRCRAFT SPRUCE  
VISA ACCT: 4514 0310 0909 0347 EXP DATE: 11/12

CL

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 5/15/12





# AIRCRAFT SPRUCE CANADA

BRANTFORD MUNICIPAL AIRPORT  
150 AVIATION AVENUE, BRANTFORD, ON N3T 5L7  
ADMINISTRATION (951) 372-9555 • FAX (519) 759-8964  
CALL TOLL FREE (877) 795-2278 • STORE (519) 759-5017

333088

DART AEROSPACE, LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

PLEASE RETURN THIS PORTION  
WITH YOUR REMITTANCE

P.O. BOX 3731 • BRANTFORD, ON N3T 6H2

GST# 887652105

PAGE: 1 890530

CUST: 333088

SAWB: 522687247294

DART AEROSPACE, LTD

1270 ABERDEEN

HAWKESBURY, ON K6A1K7

NOTE: ANY SHORTAGES MUST BE REPORTED WITHIN 10 DAYS.

BACKORDERED PRODUCTS WILL SHIP AS SOON AS AVAILABLE

ORDER NO.	INVOICE NO.	CUSTOMER P.O. NO.	SHIP VIA	TERMS	DATE SHIPPED
5184	890530	PO16980	FEDEX PRIORITY	CREDIT CARD	06/15/12

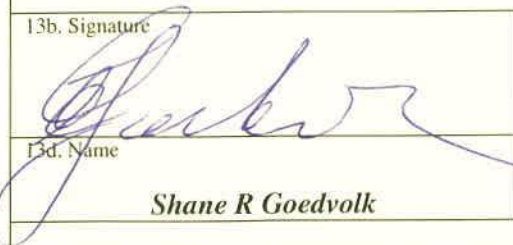
QUANTITY SHIPPED	BACK ORDERED	DESCRIPTION	DISC.	UNIT PRICE	EXTENSION
3.00	2.00	THANK YOU FOR YOUR ORDER. PLEASE CALL ME DIRECTLY AT EXT 225 THE NEXT TIME YOU WISH TO PLACE AN ORDER WITH AIRCRAFT SPRUCE. MARY GARCIA 877-477-7828 10-00304 AEROSPACE FUEL LEVEL FL-100-R		567.000	1701.00
<p><i>[Handwritten signature]</i></p>					

SUBTOTAL	TAX	MISC. CHARGE	FREIGHT	PAID WITH ORDER	BALANCE DUE
1,701.00	HST221.13	0.00	0.00	-1,922.13	CAD 0.00

**WAIVER OF LIABILITY AND INDEMNIFICATION AGREEMENT**-Inasmuch as Aircraft Spruce & Speciality Company has no opportunity to supervise the installation, or maintenance of parts supplied by it, it hereby disclaims any opportunity to participate in the design or manufacture of the products it sells or of the various homebuilt and certificated aircraft in which its parts are utilized, the purchaser, by placing this order with Aircraft Spruce & Speciality Company and accepting the parts, agrees that all materials purchased will be used solely at purchaser's risk and that the purchaser will indemnify and hold Aircraft Spruce & Speciality Company, its officers and employees, free and harmless from all loss, liability, and damage resulting from claims brought by reason of any alleged failure or defect of any parts or parts supplied by Aircraft Spruce & Speciality Company. If this agreement is unacceptable to purchaser, the purchaser will immediately return in new condition all products listed on this invoice to Aircraft Spruce for refund of purchase price.

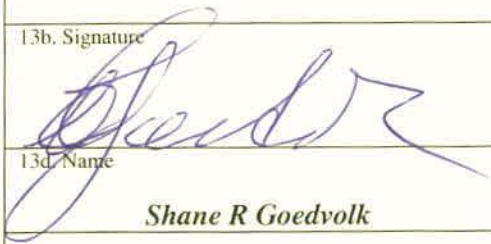




1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FORM ONE		3. Form Tracking No. <b>10040</b>	
4. Organization Name and Address <b>Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA</b>				5. Work Order/Contract/Invoice <b>3117</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
<b>1</b>	<b>Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)</b>	<b>FL-100-R</b>	<b>1</b>	<b>ASL010040</b>	<b>NEW</b>
12: Remarks <b>TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY</b>					
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approved Organization Number <b>52-03</b>		14b. Signature <b>N/A</b>	
13d. Name <b>Shane R Goedvolk</b>		13e. Date (dd/mm/yyyy) <b>11 June 2012</b>		14c. Approved Organization Number <b>N/A</b>	
14d. Name <b>N/A</b>		14e. Date (dd/mm/yyyy) <b>N/A</b>			
<b>Installer Responsibilities</b>					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

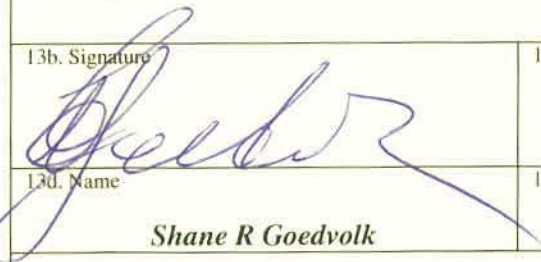
(Previously form 24-0078)



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FORM ONE		3. Form Tracking No. <b>10037</b>	
4. Organization Name and Address <b>Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA</b>				5. Work Order/Contract/Invoice <b>3117</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
<b>1</b>	<b>Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)</b>	<b>FL-100-R</b>	<b>1</b>	<b>ASL010037</b>	<b>NEW</b>
12. Remarks <b>TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY</b>					
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approved Organization Number <b>52-03</b>		14b. Signature <b>N/A</b>	
13d. Name <b>Shane R Goedvolk</b>		13e. Date (dd/mm/yyyy) <b>11 June 2012</b>		14c. Approved Organization Number <b>N/A</b>	
				14d. Name <b>N/A</b>	
				14e. Date (dd/mm/yyyy) <b>N/A</b>	
<b>Installer Responsibilities</b>					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					





1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FORM ONE		3. Form Tracking No. <b>10038</b>	
4. Organization Name and Address <b>Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA</b>				5. Work Order/Contract/Invoice <b>3117</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
<b>1</b>	<b>Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)</b>	<b>FL-100-R</b>	<b>1</b>	<b>ASL010038</b>	<b>NEW</b>
12: Remarks <b>TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY</b>					
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulations specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approved Organization Number <b>52-03</b>		14b. Signature <b>N/A</b>	
13d. Name <b>Shane R Goedvolk</b>		13e. Date (dd/mm/yyyy) <b>11 June 2012</b>		14c. Approved Organization Number <b>N/A</b>	
14d. Name <b>N/A</b>		14e. Date (dd/mm/yyyy) <b>N/A</b>			
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